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Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/670918
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Filing Date	9/29/00
		First Named Inventor	Lange et al
		Art Unit	1775
		Examiner Name	M. E. LaVilla
		Attorney Docket Number	1279-413/10311298
Sheet	1	of	1

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
ML	✓	F. F. Lange, "Powder Processing Science and Technology for Increased Reliability," <i>J. Am. Ceram. Soc.</i> 72 [1], 3 (1989). (no month)		
ML	✓	D. J. Green, <i>Introduction to Mechanical Properties of Ceramics</i> (Cambridge Univ. Press, Cambridge, UK, 1998). (no month)		
ML	✓	V. K. Pujari et al., "Reliable Ceramics for Advanced Heat Engines," <i>Am. Ceram. Soc. Bull.</i> 74 [4], 86 (1995). (April)		
ML	✓	D. J. Green and R. Tandon, V. M. Sglavo, "Crack Arrest and Multiple Cracking in Glass Through the Use of Designed Residual Stress Profiles," <i>Science</i> 283, 1295 (1999) (February)		
ML	✓	M. Oechsner, C. Hillman, and F. F. Lange, "Crack Bifurcation in Laminar Ceramic Composites," <i>J. Am. Ceram. Soc.</i> 79 [7], 1834 (1996). (no month)		
ML	✓	A. J. Sánchez-Herencia, C. Pascual, J. He, and F. F. Lange, "ZrO <sub>2</sub> / ZrO <sub>2</sub> Layered Composites for Crack Bifurcation," <i>J. Am. Ceram. Soc.</i> , 82 [6], 1512 (1999). (no month)		
ML	✓	A. J. Sánchez-Herencia, L. James, and F. F. Lange, "Bifurcation in Alumina Plates Produced by a Phase Transformation in Central, Alumina/Zirconia Thin Layers," <i>J. Eur. Ceram. Soc.</i> , 20 [9] 1295 (2000). (no month)		
ML	✓	M. P. Rao, A. J. Sánchez-Herencia, G. E. Beltz, R. M. McMeeking, and F. F. Lange, "Laminar Ceramics That Exhibit a Threshold Strength," <i>Science</i> 286, 102 (1999).		
ML	✓	C. Hillman, Z. Suo, and F. F. Lange, "Cracking of Laminates Subjected to Biaxial Tensile Stresses," <i>J. Am. Ceram. Soc.</i> 79 [8], 2127 (1996). (no month)		
ML	✓	H. Tada, P. C. Paris, and G. R. Irwin, <i>The Stress Analysis of Cracks Handbook</i> , (Del Research Corp., St. Louis, MO, ed. 2, 1985), p. 5.13. (no month)		
ML	✓	R. M. McMeeking and Hbaieb K., "Optimal Threshold Strength of Laminar Ceramics," <i>Zeitschrift fuer Metalkunde</i> , 90 [12], 1031 (1999) (no month) (December)		
ML	✓	S. Ho, C. Hillman, F. F. Lange, and Z. Suo, "Surface Cracking in Layers Under Biaxial, Residual Compressive Stresses," <i>J. Am. Ceram. Soc.</i> , 78 [9] 1834-38 (1995) (no month)		
ML	✓	F. F. Lange, M. P. Rao, K. Hbaieb and R. M. McMeeking, "Ceramics that Exhibit a Threshold Strength," in <i>Ceramic Armor Materials by Design</i> , Ceramic Trans. 134, Ed. By J.W. McCauley, a. Crowson, W.A. Gooch Jr., A.M. Rajendran, S. J. Bless, K.V. Logan, M. Normandia and S. Wax, Pub. By Am. Ceram. Soc., Westerville, OH, pp. 449-510 (no date)		

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Examiner Signature	LaVilla	Date Considered	11/6/03
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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
Sheet	1	of	1	Application Number	
				Filing Date	September 29, 2000
				First Named Inventor	Frederick F. Lange
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	1999-385-1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
ML		M.P. Rao, A.J. Sanchez-Herencia, G.E. Beltz, R.M. McMeeking,  and F.F. Lange, "Laminar Ceramics That Exhibit A Threshold  Strength," Science, 1 October 1999, Volume 286, pp. 102-105.	
ML		Statement from M.P. Rao, A.J. Sanchez-Herencia, and F.F. Lange  to Patent Examiner concerning a non-enabling oral presentation  made on April 28, 1999.	

Examiner Signature		Date Considered	3/31/03
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